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Clean Version of Proposed Amended Claims

1. An extruded polymeric article comprised of a polymeric matrix and polymeric particles which are substantially spherical, highly crosslinked, have a mean particle size of between 35 to 60 micrometers and have a particle size distribution between 10-110 micrometers wherein the article has:

- a) a Haze number as determined by ASTM D103 of at least 90%,
- b) an opacity as determined by ASTM D20805-80 of at least 10%,
- c) a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and
- d) a Total White Light Transmission of greater than 78.9 as determinated by a Hunterlab colorimeter_D25 model using ASTM E1331 and ASTM E1163,
wherein said determinations are made using an 0.125 inch thick extruded sheet comprised of the polymeric matrix and polymeric particles.

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12. A resin comprised of:

- a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate;
- b) 5 - 50% by weight, modifiers; and
- c) 5 - 60% by weight, highly crosslinked spherical polymeric particles comprised of 10- 50% by weight, styrene 90 - 50% by weight, methyl 0.1 - 2.5% by weight, crosslinking agent, wherein the polymeric particles have a mean particle size of 35-60 micrometers, and a particle size distribution of between 15-110 micrometers,

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wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 of at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter_D25 model using ASTM E1331 and ASTM E1163.

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16. A resin comprised of:

a) 60 - 85% by weight, matrix comprised of polymethyl methacrylate; and

c) 15 - 40% by weight, highly crosslinked spherical polymeric particles comprised of:
15 - 35% by weight, styrene
65 - 85% by weight, methyl methacrylate 0.5-1.5% by weight, allyl methacrylate;
wherein the polymeric particles have a mean particle size of 25-55 micrometers, and a particle size distribution of between 15-110 micrometers, and
wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 would be at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter_D25 model using ASTM E1331 and ASTM E1163.-

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17. A resin comprised of:

- a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate or alkyl methylacrylate/alkyl acrylate copolymer;
- b) 0 - 50% by weight, modifiers; and
- c) 5 - 40% by weight, highly crosslinked spherical polymeric particles comprised of about 0-100% by weight, styrene, 0-100% by weight, alkyl methacrylate, 0-100% by weight, alkyl acrylate and crosslinking agent wherein the polymeric particles have a mean particle size of 25-55 micrometers, and a particle size distribution of between 15-110 micrometers, and wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 would be at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter_D25 model using ASTM E1331 and ASTM E1163.